

ABSTRACT

Electric motor (1) comprising a stator (2), a magnetic induction core (3) constrained to said stator, at least one magnetic excitation coil (4a, 4b) associated to 5 said induction core, a rotor (5) of substantially cylindrical shape comprising at least one permanent magnet adapted to form on said rotor at least two magnetic poles of opposite polarity, said core and said coils being adapted to form at least two magnetic 10 induction poles of opposite polarity on said stator core of contiguous poles united in a single body.